KEEGAN, WERLIN & PABIAN, LLP

ATTORNEYS AT LAW 265 FRANKLIN TREET BOSTON, MASSACHUSETTS 02110-3113

TELECOPIERS: (617) 951-1354 (617) 951-0586

(617) 951-1400

September 15, 2004

Mary L. Cottrell, Secretary Department of Telecommunications and Energy One South Station, 2nd Floor Boston, MA 02110

New England Gas Company, D.T.E. 04-6 RE:

Dear Secretary Cottrell:

On behalf of New England Gas Company (the "Company"), please find attached the Company's responses to Record Requests DTE-1 through 3, asked of the Company during the September 8, 2004 evidentiary hearing in the above-referenced proceeding.

If you have any questions regarding this filing, please contact me at your convenience.

John K. Habib

Enclosures

cc:

Jody Stiefel, Hearing Officer

Peter Czekanski

Judith Laster, Assistant Attorney General

New England Gas Company Department of Telecommunications and Energy

D.T.E. 04-06

Record Request: DTE 1-01

September 15, 2004

Person Responsible: James Harrison

Page 1 of 1

Record Request DTE 1-01

Please provide the forecast of the total firm Company sendout for the low case and high case scenarios using the transformed models.

Response

The requested low case and high case scenarios based on the transformed variables are provided as Attachment RR-DTE 1-1. These figures reflect the results of incorporating the Cochrane-Orcutt adjustment to the linear models to eliminate observed serial autocorrelation. The predicted sales from these models are further reduced for forecasted DSM program conservation effects in the same manner as the Company's filed forecast. The resulting forecasts are methodologically comparable to the base case forecast provided in response to Information Request DTE 4-1.

The Company has reviewed the forecast results attached herein as well as those provided in response to Information Request DTE 4-1 and finds these results to be deficient, due primarily to the large residuals observed in the last historic period. The Company's original filing addressed the serial autocorrelation problem with an empirical technique that resulted in a lower forecast than that incorporating the transformed models. Reliance on the purely statistical Cochrane-Orcutt transformation technique could result in a requirement for additional resources that the Company believes is unnecessary and that is beyond the level that was found adequate to serve the severe weather conditions observed this past winter.

NEW ENGLAND GAS COMPANY FALL RIVER / NORTH ATTLEBORO SERVICE AREAS FORECASTED MONTHLY PLANNING LOAD NET OF CONSERVATION (Dt)

Sep-03 228,828 225,665 224,806 326,540 346,343 347,563 341,568 378,869 343,483 345,4		AS FILED PLANNING LOAD NET OF CONSERVATION	BASE CASE PLANNING LOAD NET OF CONSERVATION	LOW CASE PLANNING LOAD NET OF CONSERVATION	HIGH CASE PLANNING LOAD NET OF CONSERVATION
Oct-03 887,583 381,688 379,888 383,495 Nov-03 714,578 714,586 710,834 710,803 Dec-03 1,031,432 1,036,902 1,030,774 1,044,402 Jan-04 1,167,813 1,187,991 1,162,967 1,214,817 Feb-04 1,444,448 1,455,858 1,042,017 1,078,155 May Per-04 576,444 887,472 576,964 600,523 May-04 348,940 353,785 347,733 360,516 Jan-04 244,958 246,471 245,509 249,861 Jan-04 192,276 194,089 191,979 186,279 Jan-04 121,913 218,438 218,558 220,5362 Jan-04 223,936 233,946 231,904 235,398 Sep-04 211,913 218,438 218,558 220,5362 Gold 488,840 360,525 347,733 300,516 Jan-04 244,958 246,471 245,509 249,861 Jul-04 192,276 194,089 191,979 186,279 Sep-04 211,913 218,438 218,558 220,5362 Sep-04 211,913 218,438 218,558 220,5362 Gold 488,840 360,528 360,628 260,538 Gold 488,840 360,528 360,638 260,538 Gold 488,840 360,528 360,638 360,638 360,638 Gold 488,840 360,638 360	MON-YEAR		TRANSFORMED	TRANSFORMED	TRANSFORMED
Nov-03	Sep-03	229,829	225,665	224,806	226,540
Deco	Oct-03	387,583	381,588	379,898	
Jan-04					
Feb-04 1,045,446 1,053,956 1,042,077 1,081,83 Mar-04 921,332 393,736 292,770 981,485 Apr-04 676,445 587,427 575,594 600,523 May-04 244,959 26,474 243,599 249,650 Juli-04 103,383 26,66 246,474 243,599 249,650 Juli-04 173,383 26,66 21,994 253,399 Sep-04 217,809 218,438 216,588 220,352 Sep-04 217,809 218,438 216,588 220,352 Sep-04 217,809 218,438 216,588 220,352 Sep-04 992,225 1,007,629 988,640 1,029,411 Jan-05 1,171,354 1,194,387 1,144,302 1,248,080 Feb-05 1,049,081 1,170,425 1,104,439 1,144,430 1,124,439 Mar-05 92,589 943,004 905,577 907,999 Mar-06 92,589 943,004 905,577 907,999 Mar-06 93,589 943,004 905,577 907,999 Mar-07 244,488 246,190 239,772 252,998 Juli-05 232,782 232,624 228,688 238,686 Sep-05 216,801 217,469 1,217,469 1,313 221,992 Oct-05 366,592 366,592 366,592 370,293 370,993 De-05 984,209 1,101,629 1,101,					
Mar-04 921,302 938,736 920,770 961,485 Apr-04 576,445 567,427 575,694 600,523 May-04 348,940 353,755 347,733 300,516 Jun-04 124,959 246,471 245,599 249,681 Juh-04 122,276 194,069 191,979 196,279 Aug-04 213,856 235,646 231,648 231,648 255,599 Sep-04 217,803 216,483 231,648 231,648 255,599 Sep-04 217,803 216,483 246,68 231,648 255,599 Sep-04 217,803 216,483 246,68 231,648 255,598 Sep-04 217,803 216,483 255,598 246,68 277,705,515 Dec-04 982,225 1,007,629 998,840 1,024,411 Jan-05 1,171,354 1,194,397 1,144,302 1,249,080 Feb-05 1,046,081 1,070,425 1,024,876 1,120,149 Mar-05 925,590 945,004 905,578 987,999 Apr-06 678,618 560,332 566,430 616,378 May-06 349,500 354,780 342,088 388,580 Jun-05 244,488 246,190 239,772 222,998 Jun-05 244,488 246,190 239,772 222,998 Apr-06 688,4787 893,729 669,945 719,507 Dec-05 994,209 1,100,622 790,728 1,104,691 Apr-06 683,477 893,729 669,945 719,507 Dec-05 994,209 1,100,622 790,728 1,105,640 Jun-06 1,161,571 1,206,923 1,130,642 1,289,331 Feb-06 1,086,399 1,106,22 970,728 1,054,106,004 Jun-06 334,177 954,893 894,690 1,107,229 1,106,829 Mar-06 633,417 954,893 894,690 1,107,229 1,106,920 Mar-06 633,417 954,893 894,890 1,106,920 1,106,920 1,106,920 1,106,920 1,106,920 1,106,930					
Apr-04 676,445 587,427 575,654 600,523 May-04 244,959 246,471 243,509 249,661 Jun-04 244,959 246,471 243,509 249,661 Jun-04 192,276 194,069 191,979 196,279 Aug-04 233,836 233,646 231,904 255,396 Spp-04 217,909 216,438 216,568 220,532 Oct-04 367,933 389,058 394,506 374,057 Dec-04 367,933 389,058 394,506 374,057 Dec-04 191,069 191,070 Dec-04 191,070 Dec-04 191,070 Dec-04 191,070 Dec-05 191,070 Dec-05 191,070 Dec-06 191,171,554 1194,397 11,44,302 12,40,800 Dec-06 191,070 Dec-06 191,070 Dec-06 191,070 Dec-07 191,070 Dec-07 191,070 Dec-07 191,070 Dec-07 191,070 Dec-08 191,070 Dec-09 191,07					
May-04 348,940 353,755 347,733 360,516 Jul-04 244,959 246,471 243,509 249,661 Jul-04 192,276 194,069 191,979 186,779 Aug-04 233,886 233,646 231,804 253,598 Sep-04 217,909 218,438 216,588 20,582 Sep-04 217,909 218,438 216,588 20,582 Nov-04 66,205 192,055					
Jun-04 192.276 194.069 191.979 196.279 Aug-04 233.836 233,646 231,904 235,396 Sep-04 217,909 218,438 216,558 220,352 Oct-04 367,933 368,058 364,506 374,057 Nov-04 664,604 692,255 681,527 705,515 Dec-04 192.235 1,007,529 988,640 1,028,111 Jan-05 1,171,354 1,194,937 1,144,937 1,144,937 1,44,938 1,249,130 Feb-05 1,049,938 1,049,038 1,049,039 1,049					
Sep-04 233,836 233,646 231,904 235,396				243,509	249,661
Sep-04 217.909 216.438 216.558 220,362 Oct-04 887,933 369,058 344,506 374,057 Nov-04 684,804 692,825 681,627 705,515 Dec 04 992,225 1.070,629 988,640 1.028,411 Jan-05 11,71,354 1.194,397 1.144,302 1.240,800 Feb-05 1.049,081 1.070,425 1.024,879 1.120,180 Mar-05 925,580 945,004 905,678 987,999 Ap-05 678,818 560,352 566,430 616,378 May-05 349,500 354,780 342,088 368,506 Jun-05 191,847 193,415 188,834 193,241 Aug-05 327,82 232,624 228,688 236,686 Sep-05 216,801 277,469 213,133 221,892 Oct-05 366,662 368,502 368,502 368,503 379,193 Nov-05 664,797 863,729 666,945 779,507 Dec-05 994,009 1,101,622 970,728 1,054,104 Jan-06 1,161,571 1,206,823 1,130,642 1,288,331 Feb-06 1,063,889 1,161,774 1,102,623 1,130,642 1,288,331 May-06 331,417 984,833 884,680 1,018,6784 May-06 351,512 357,504 337,855 378,564 Aug-06 351,512 357,504 337,855 378,564 Aug-06 351,512 377,905 247,169 21,263,341 Aug-06 351,512 377,905 379,905 379,905 Jul-06 183,007	Jul-04	192,276	194,069	191,979	196,279
Oct.04 367,933 368,058 364,506 374,057 Nov.04 684,604 692,225 681,627 705,515 Dec 04 992,235 1,007,629 988,640 1,029,411 Jan-05 1,171,354 1,194,397 1,144,302 1,249,080 Feb-05 1,049,081 1,070,425 1,024,879 1,120,149 Mar-06 925,580 945,004 905,578 987,999 Apr-06 578,618 590,352 566,430 616,378 May-06 348,500 354,790 342,088 368,500 Jun-05 244,488 246,190 239,772 252,398 Jun-05 191,647 193,415 188,834 198,241 Aug-05 322,742 232,624 225,688 236,686 Sep-05 216,801 217,489 215,133 221,882 Oct.05 366,962 366,902 366,902 366,903 379,133 Dec-05 394,209 1,206,223 1,106,402 1,206,404 Jan-06 364,407 1,206,223 1,106,402 1,206,404 Jan-06 333,417 964,693 804,800 1,106,404 Jan-06 333,417 964,693 804,800 1,106,823 Indec-06 333,417 964,693 804,800 1,106,823 Indec-06 333,417 964,693 804,800 1,106,823 Indec-06 333,417 964,693 804,800 1,101,878 Indec-06 361,512 357,594 337,955 378,564 Indec-06 361,512 357,594 337,955 378,564 Indec-06 368,081 370,224 364,569 279,905 Indec-06 368,081 370,224 364,569 379,377 1,044,344 Indec-06 368,081 370,224 364,569 379,377 1,044,344 Indec-06 368,081 370,224 364,569 379,377 1,044,344 Indec-06 368,081 370,224 368,569 3					
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Jun-05	Apr-05				
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Oct 05 366,962 368,002 355,603 379,193 Nov-05 684,797 693,729 669,945 719,507 Dec-05 994,209 1,010,622 970,728 1,054,104 Jan-06 1,181,571 1,208,823 1,130,642 1,289,331 Feb-06 1,058,389 1,081,774 1,012,523 1,156,788 Mar-06 933,417 954,993 894,680 1,101,660 Apr-06 683,102 596,054 559,551 635,525 May-06 351,512 357,504 337,955 376,564 Jun-06 192,091 193,981 186,749 201,680 Aug-06 322,809 322,815 226,480 234,881 Sep-06 216,926 217,831 210,830 225,244 Oct-06 368,081 370,224 354,556 387,023 Nov-06 688,945 698,994 662,416 738,464 Dec-06 1,002,210 1,002,295 959,356 1,186,681					
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Jan-06				669,945	719,507
Feb-06 1,088,389 1,081,774 1,012,523 1,156,786 Mar-06 933,417 954,693 894,680 1,016,660 Apr-06 93,102 596,054 559,551 635,525 May-06 351,512 357,504 337,955 378,554 Jun-08 122,081 192,091 193,981 166,749 237,095 257,905 Jul-08 192,091 193,981 166,749 228,689 232,815 226,480 239,489 Sep-08 216,926 217,831 210,830 225,244 Oct-06 368,081 370,224 354,556 387,023 Nov-06 688,945 688,994 662,2416 738,464 Dec-06 1,002,210 1,020,295 959,356 1,086,245 Jan-07 1,081,865 1,086,907 995,555 1186,081 Mar-07 936,164 958,596 879,737 1,044,934 Apr-07 584,431 598,395 550,136 650,746 May-07 351,736 358,318 332,346 386,450 Jun-07 1,17,000 193,733 183,981 204,242 Aug-07 232,113 232,243 223,613 241,491 Sep-07 1,004,991 1,709 193,733 183,981 204,242 Aug-07 232,113 232,243 223,613 241,491 Sep-07 1,004,991 1,004,991 1,024,403 943,807 1,188,611 200,4991 1,024,403 943,807 1,188,611 700,790 652,24 753,419 Dec-07 1,004,991 1,024,403 943,807 1,118,61 1,118,61 1,024,403 943,807 1,104,991 1,024,403 943,807 1,118,61 1,024,403 943,807 1,118,61 1,024,403 943,807 1,118,61 1,024,403 943,807 1,118,61 1,024,403 943,807 1,111,604 1,024,403 943,80	Dec-05				
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New England Gas Company Department of Telecommunications and Energy

D.T.E. 04-06

Record Request: DTE 1-02

September 15, 2004

Person Responsible: James Harrison

Page 1 of 1

Record Request DTE 1-02

Please provide the Adjusted R-squared of each of the transformed models.

Response

The adjusted R-squared for each of the transformed variables was previously included with the work papers filed in the responses to the Department's second set of information requests but were not labeled. The table below provides a simple tabular presentation of the requested information.

Regression Model	R-squared
Residential Regular Customers	84.4%
Residential Regular Usage (Dt/Cust)	91.7%
Residential Heating Customers	97.7%
Residential Heating Usage (Dt/Cust)	99.5%
C&I LLF Customers	83.7%
C&I LLF Incl Transp. Usage (Dt/Cust)	98.9%
C&I HLF Customers	87.1%
C&I HLF Incl Transp. Usage (Dt/Cust)	77.8%
Company Use	93.7%

New England Gas Company Department of Telecommunications and Energy D.T.E. 04-06

Record Request: DTE 1-03 September 15, 2004

Person Responsible: James Harrison

Page 1 of 1

Record Request DTE 1-03

Please provide the growth rates used by the Company to forecast firm transportation volumes for every year of the forecast period.

Response

The forecasted firm transportation rates, expressed as a percentage over (under) the prior year level, were:

Year	Growth Rate
2004-05	(0.8 %)
2005-06	(0.1 %)
2006-07	(0.2 %)
2007-08	(0.2 %)